

# 80 PLUS Verification and Testing Report

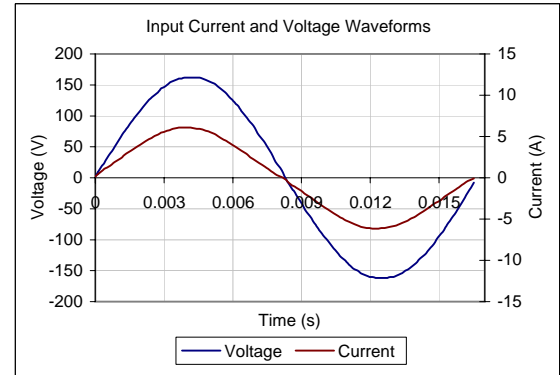
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>84.86%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>83.21%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	398
<b>Manufacturer</b>	FSP
<b>Model Number</b>	FSP400-602UC
<b>Serial Number</b>	NA
<b>Year</b>	2007
<b>Type</b>	EPS2U
<b>Test Date</b>	10/12/2007

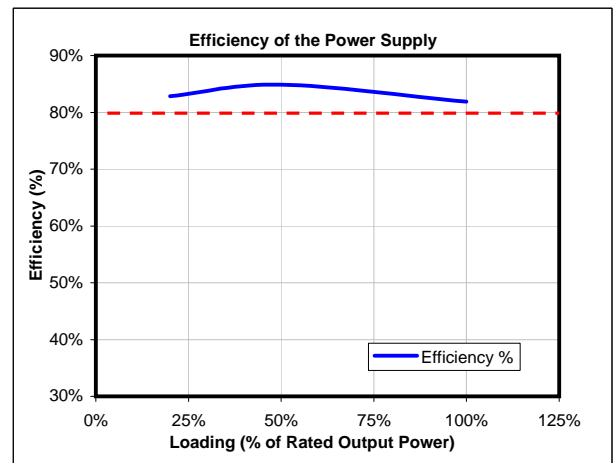
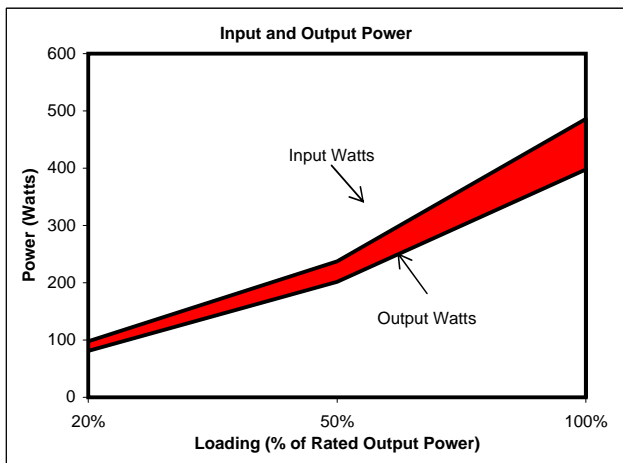
<b>Rated Specifications</b>	<b>Value</b>	<b>Units</b>
Input Voltage	100-240	Volts
Input Current	6	Amps
Input Frequency	60-50	Hz
<b>Rated Output Power</b>	<b>400</b>	<b>Watts</b>

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 5.7%, 50% Load)

<b>I<sub>RMS</sub> A</b>	<b>PF</b>	<b>I<sub>THD</sub> (%)</b>	<b>Load (%)</b>	<b>Fraction of Load</b>	<b>Input Watts</b>	<b>DC Terminal Voltage (V)/ DC Load Current (A)</b>					<b>Output Watts</b>	<b>Efficiency %</b>
						<b>12V (cumulative of 12V1, 12V2, etc.)</b>	<b>-12V</b>	<b>3.3V</b>	<b>5V*</b>	<b>5VSB</b>		
0.86	0.99	8.2%	20%	Light	98	12.2/4.6	11.5/0.1	3.3/2.6	5/2.6	5.1/0.4	81	82.87%
2.08	0.99	5.7%	50%	Typical	238	12.2/11.6	11.5/0.2	3.3/6.5	5/6.5	5/0.9	202	84.86%
4.24	1.00	5.3%	100%	Full	486	12.1/23.2	11.6/0.4	3.2/13	4.9/13.1	4.9/1.8	398	81.90%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS® Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

